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PATENT ABSTRACTS OF JAPAN(21) Application number: **60103911**(51) Intl. Cl.: **B01D 13/01 G21F 9/06 G21F**(22) Application date: **17.05.85**

<p>(30) Priority:</p> <p>(43) Date of application publication: 21.11.86</p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: TOSHIBA CORP</p> <p>(72) Inventor: ISHISATO SHINICHI</p> <p>(74) Representative:</p>
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**(54) HOLLOW YARN
MEMBRANE DEVICE**

(57) Abstract:

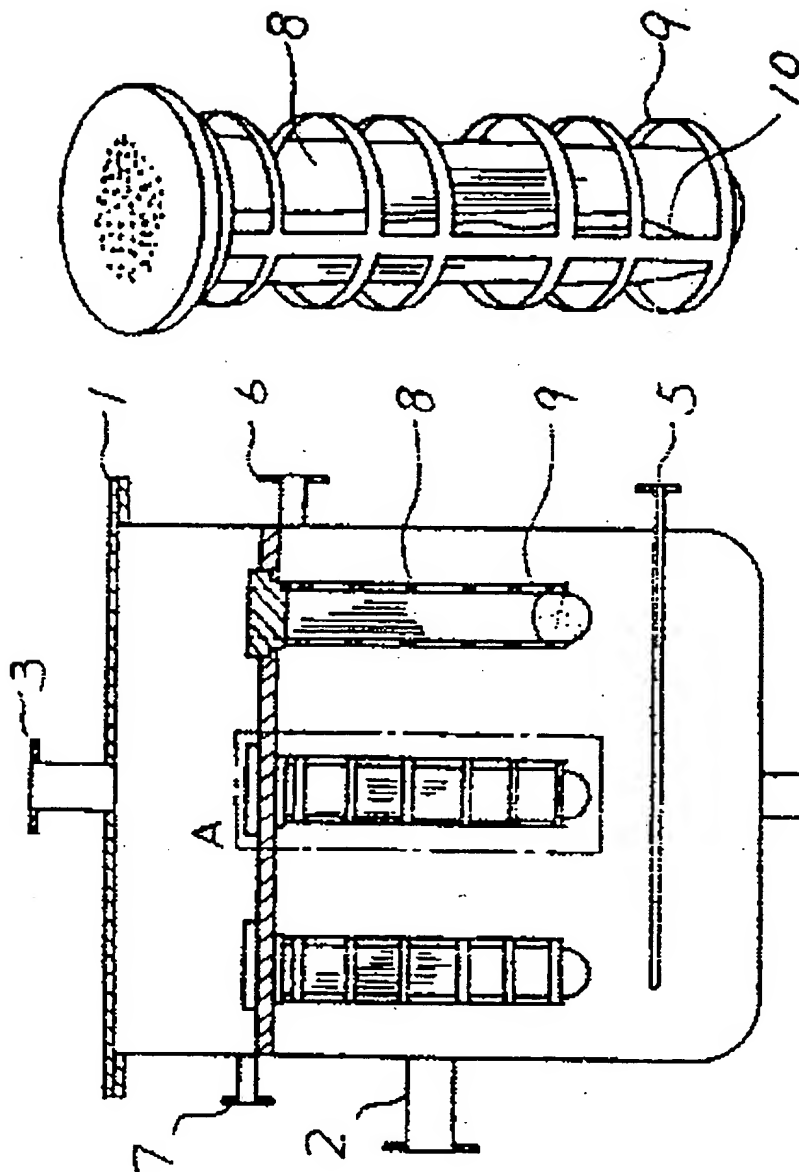
PURPOSE: To prevent the bending fatigue and entanglement of a hollow yarn membrane and to prolong the life of a hollow yarn membrane module by providing a support for supporting the hollow yarn membrane module consisting of a combustible material.

CONSTITUTION: Plural hollow yarn membrane modules 8 are hung in a vessel 1 and a support 9 is attached on the outside of the module. A semicircular supporting part 10 is provided at the lower part of the support 9. The entanglement of the modules with each other is prevented by the support 9 and the whirling up of the module during backwashing is controlled by the semicircular supporting part 10. The support 9 can be burned along with the hollow yarn membrane by forming the support with the same material as that of the hollow yarn membrane and the output

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of wastes can be reduced.

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